

## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 1 of 9

### AKDE KIMYA ENDÜSTRİ SAN VE TIC LTD ŞTI

YEŞİLBAYIR MAH ŞİMŞİR SOK NO 20 ARNAVUTKOY HADİMKÖY İSTANBUL

TEL: 02127711371

FAX: -

**To the attention of Ender Sarıgül**

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Spray PU Foam

Client's reference No. : TR 895235  
 Buyer : Not Provided  
 Order No. : Not Provided  
 Division : Not Provided  
 Model/Style No. : Not Provided  
 Article No. : Not Provided  
 Age Grade : Not Provided  
 Manufacturer : AKKIM YAPI KİMYASALLARI SAN. TİC. A.Ş.  
 Country of Origin : Not Provided  
 Country of Destination : Not Provided  
 Shipment Date : Not Provided  
 Fiber Composition : Not Provided  
 Fabric Weight : Not Provided  
 End Use : Not Provided  
 Sample Receiving Date : 12 February 2016  
 Test Performing Period : 12 February 2016 ~ 25 February 2016  
**Overall Conclusion : SEE RESULTS**  
 Test Results : Please refer to the next page(s).  
**Performed Test Summary:** Selected test(s) as requested by client against Client's performance standard.

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## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 2 of 9

Test Parameters	Result
<b>Chemical tests</b>	<b>A1</b>
Determination of the overall migration of total non-volatile substance in plastic materials - %10 Ethanol (10 days at 20 °C)	*
Determination of the overall migration of total non-volatile substance in plastic materials - %3 Acetic Acid (10 days at 20 °C)	*
Determination of the overall migration of total non-volatile substance in plastic materials - %95 Ethanol (10 days at 20 °C)	*
Determination of the overall migration of total non-volatile substance in plastic materials - Isooctane (10 days at 20 °C)	*

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s). Residual sample can be returned to client if requested.	

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**TEST REPORT**

Job No./Report No TR895235

Date:25 February 2016 Page 3 of 9

The test results relate to the tested items only.  
Test reports without SGS seal and authorized signatures are invalid.  
Reported results do not include uncertainties.

Issued in Istanbul  
Signed for and on behalf of  
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Cenk Hacıoğlu  
Customer Services Supervisor

Yağız Barın  
Section Manager



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**TEST REPORT**

Job No./Report No TR895235

Date:25 February 2016 Page 4 of 9

**Component List / List of Materials for Chemical Test**

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Spray PU Foam	A1	Main	Sponge-foam	Beige

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## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 5 of 9

### Overall Migration with %3 Acetic Acid <sup>1</sup>

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2002 aqueous food simulants by total immersion method;

**Test Conditions:** 10 days at 20 °C (1<sup>st</sup> migration);

**Simulant Used:** 3% Acetic Acid (W/V) Aqueous Solution

	Result(s) (mg/dm <sup>2</sup> )
	<b>A1</b>
Trial 1	7,02
Trial 2	7,70
Trial 3	6,60
Mean (Average)	7,11
Conclusion	See Results

**Note(s):** n.d. = not detected  
°C = degree Celsius  
mg/kg = milligram per kilogram of foodstuff in contact with  
mg/dm<sup>2</sup> = milligram per square decimeter of foodstuff in contact with

**Detection Limit =** 3 mg/dm<sup>2</sup>

**Recommended Max. Limit=** No Requirement

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## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 6 of 9

### Overall Migration with %10 Ethanol<sup>1</sup>

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2002 aqueous food simulants by total immersion method;

**Test Conditions:** 10 days at 20 °C (1<sup>st</sup> migration);

**Simulant Used:** 10% Ethanol (V/V) Aqueous Solution

	Result(s) (mg/dm <sup>2</sup> )
	<b><u>A1</u></b>
<b>Trial 1</b>	3,74
<b>Trial 2</b>	3,15
<b>Trial 3</b>	3,93
<b>Mean (Average)</b>	3,61
<b>Conclusion</b>	<b>See Results</b>

**Note(s):** n.d. = not detected  
 °C = degree Celsius  
 mg/kg = milligram per kilogram of foodstuff in contact with  
 mg/dm<sup>2</sup> = milligram per square decimeter of foodstuff in contact with

**Detection Limit =** 3 mg/dm<sup>2</sup>

**Recommended Max. Limit=** No Requirement

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## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 7 of 9

### Overall Migration with %95 Ethanol <sup>1</sup>

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-14:2002 substitute test.

**Test Conditions:** 10 days at 20 °C (1<sup>st</sup> migration);

**Simulant Used:** 95% Ethanol

	Result(s) (mg/dm <sup>2</sup> )
	<b>A1</b>
Trial 1	7,27
Trial 2	7,19
Trial 3	6,95
Mean (Average)	7,14
Conclusion	See Results

**Note(s):** n.d. = not detected  
°C = degree Celsius  
mg/kg = milligram per kilogram of foodstuff in contact with  
mg/dm<sup>2</sup> = milligram per square decimeter of foodstuff in contact with

**Detection Limit =** 3 mg/dm<sup>2</sup>

**Recommended Max. Limit=** No Requirement

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## TEST REPORT

Job No./Report No TR895235

Date:25 February 2016 Page 8 of 9

### Overall Migration with Isooctane<sup>1</sup>

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-14:2002 substitute test.

**Test Conditions:** 10 days at 20 °C (1<sup>st</sup> migration);

**Simulant Used:** Isooctane

	Result(s) (mg/dm <sup>2</sup> )
	<b><u>A1</u></b>
Trial 1	4,98
Trial 2	4,34
Trial 3	4,32
Mean (Average)	4,54
Conclusion	See Results

**Note(s):** n.d. = not detected  
 °C = degree Celsius  
 mg/kg = milligram per kilogram of foodstuff in contact with  
 mg/dm<sup>2</sup> = milligram per square decimeter of foodstuff in contact with

**Detection Limit =** 3 mg/dm<sup>2</sup>

**Recommended Max. Limit=** No Requirement

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**TEST REPORT**

Job No./Report No TR895235

Date:25 February 2016 Page 9 of 9



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End of Test Report

\* \* \*

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